OIPE
MAY 10 2004
PATENT & TRADEMARK OFFICE

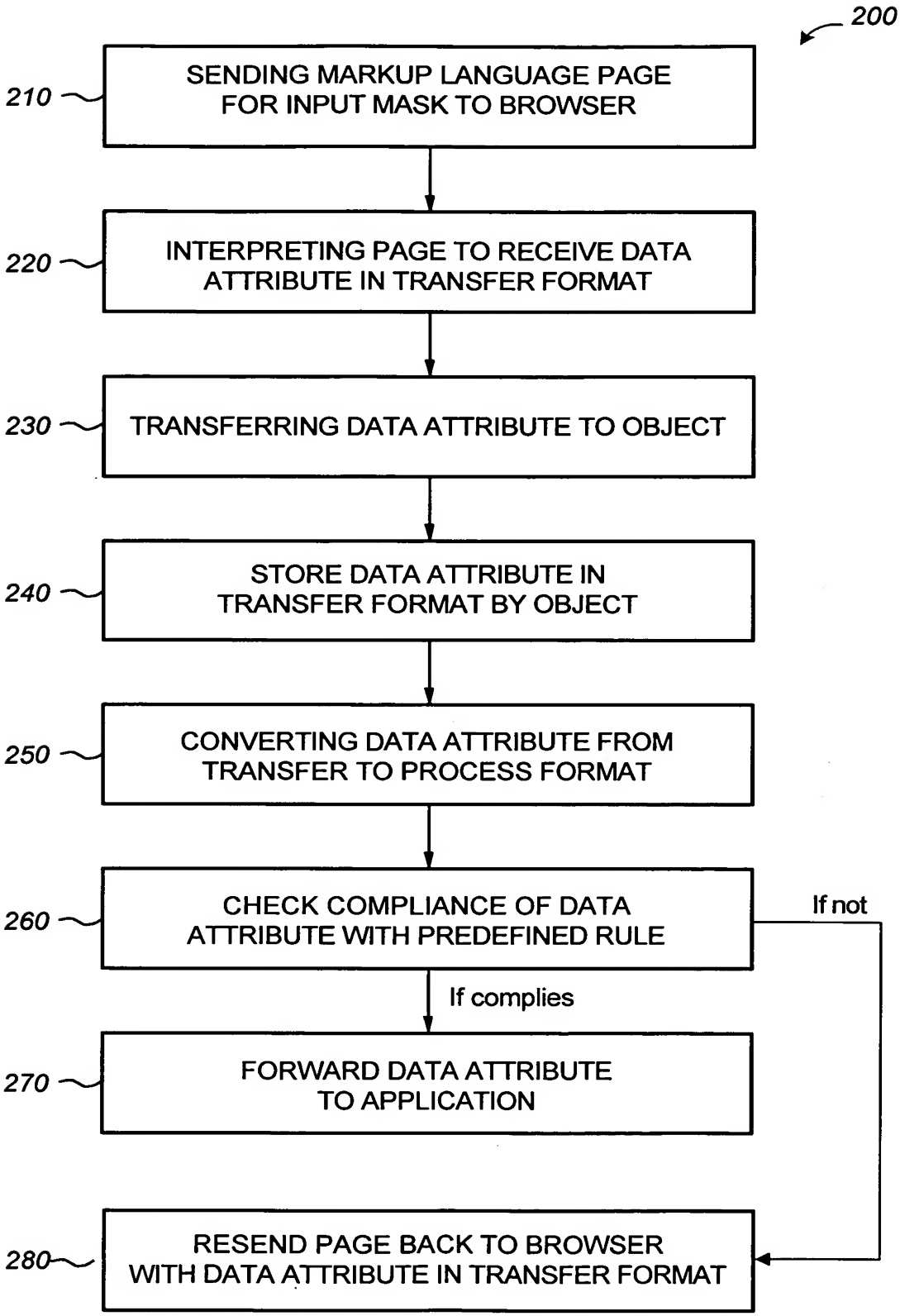

FIG. _ 2

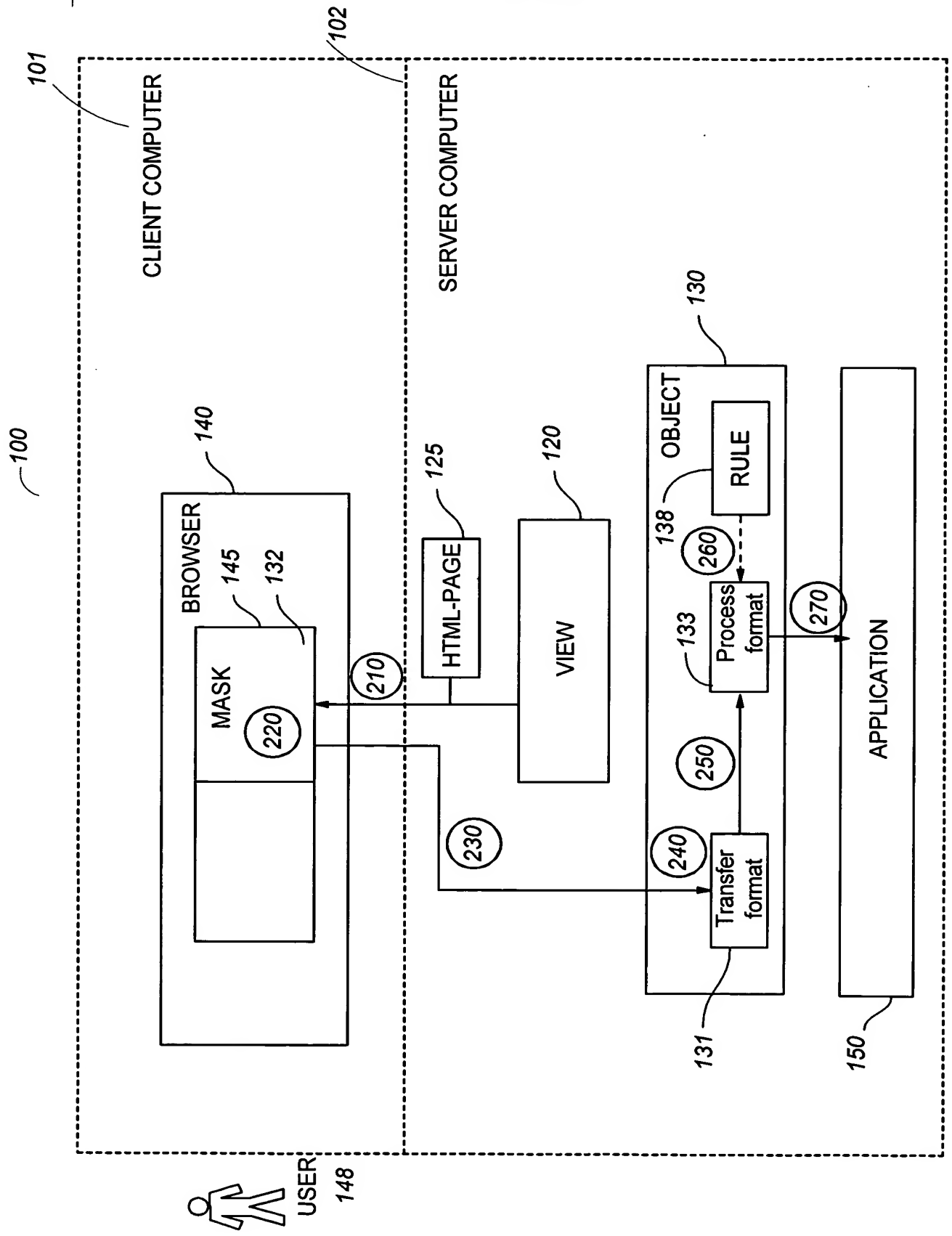
100
101
CLIENT COMPUTER
102
SERVER COMPUTER
140
BROWSER
145
MASK
132
220
210
125
HTML-PAGE
120
VIEW
130
OBJECT
138
RULE
260
133
Process format
270
APPLICATION
250
240
Transfer format
230
131
150
USER
148

FIG. 1

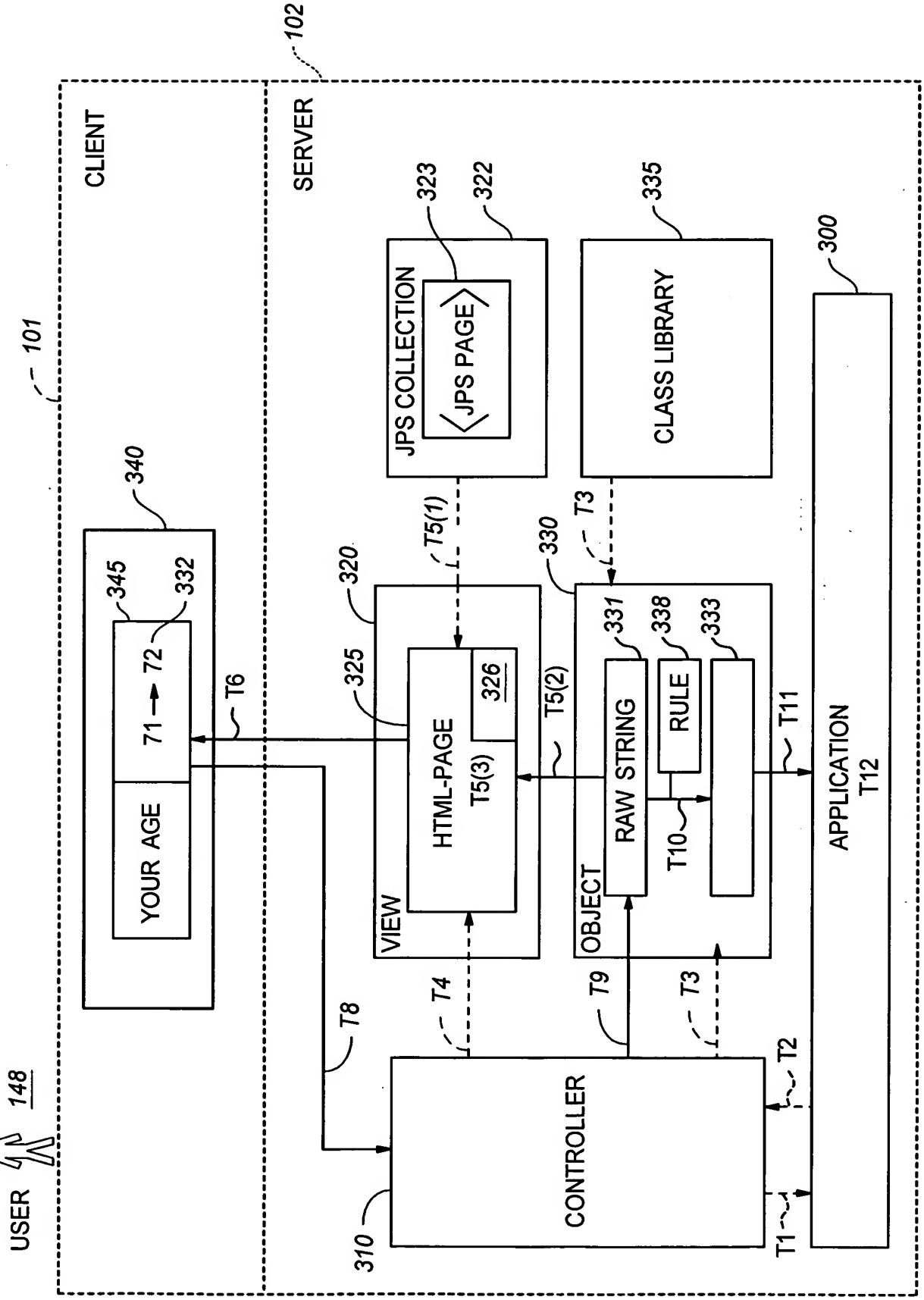
102
CLIENT
SERVER
101
JPS COLLECTION
323
322
JPS PAGE
CLASS LIBRARY
335
300
340
345
332
72
71
YOUR AGE
T6
320
325
T5(1)
330
T3
HTML-PAGE
326
T5(3)
T5(2)
331
338
333
RAW STRING
RULE
T11
APPLICATION
T12
VIEW
OBJECT
T10
T8
T4
T9
T3
T2
CONTROLLER
310
T1
USER
148

FIG._3

```
(1)  <html>

(2)  <head>

(3)  </head>

(4)  <body>

(5)  YOUR AGE < input type = "text" ID = "<%=obj.id%>" value = "<%= obj.rawstring%>" </input>

(6)  <body>

(7)  </html>
```

FIG. _4

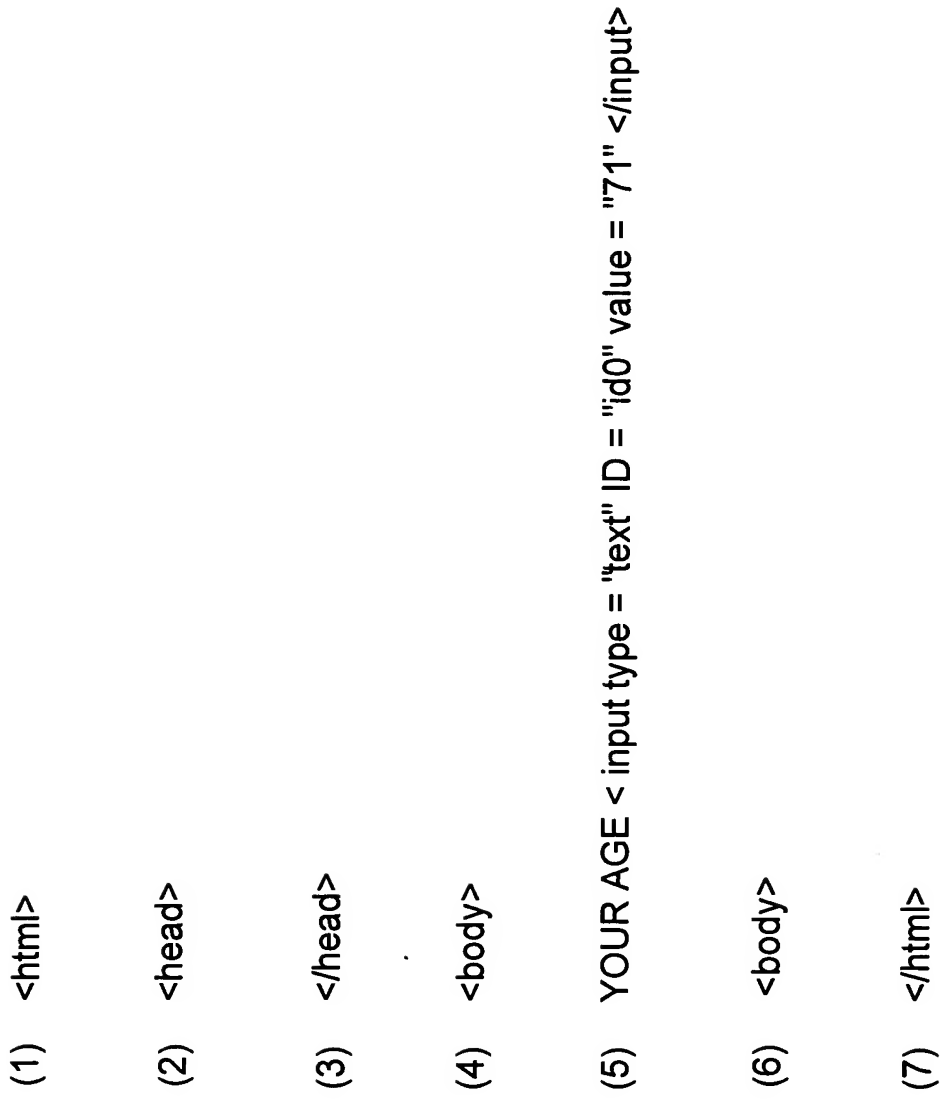
(1) <html>
(2) <head>
(3) </head>
(4) <body>
(5) YOUR AGE < input type = "text" ID = "id0" value = "71" </input>
(6) <body>
(7) </html>

FIG. _5

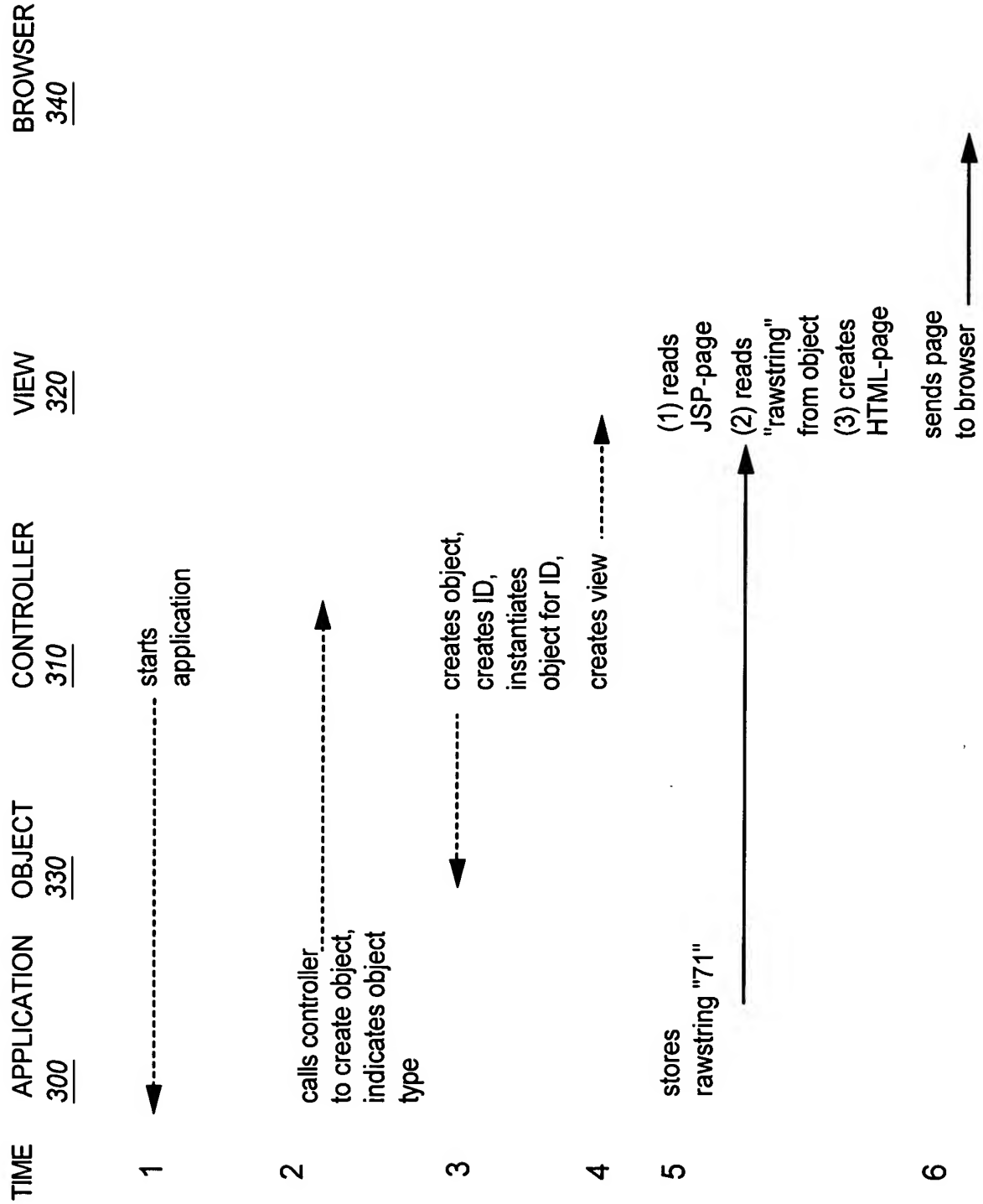
TIME
APPLICATION 300
OBJECT 330
CONTROLLER 310
VIEW 320
BROWSER 340
1
starts application
2
calls controller to create object, indicates object type
3
creates object, creates ID, instantiates object for ID,
4
creates view
5
stores rawstring "71"
(1) reads JSP-page
(2) reads "rawstring" from object
(3) creates HTML-page
6
sends page to browser

FIG. – 6A

TIME	APPLICATION *300*	OBJECT *330*	CONTROLLER *310*	VIEW *320*	BROWSER *340*
8			←		transfers attribute to controller
9		stores rawstring "72" ←	dispatches attribute to object		
10		checks and converts rawstring to integer			
11	←	forwards integer to application			
12	processes integer				

FIG._6B

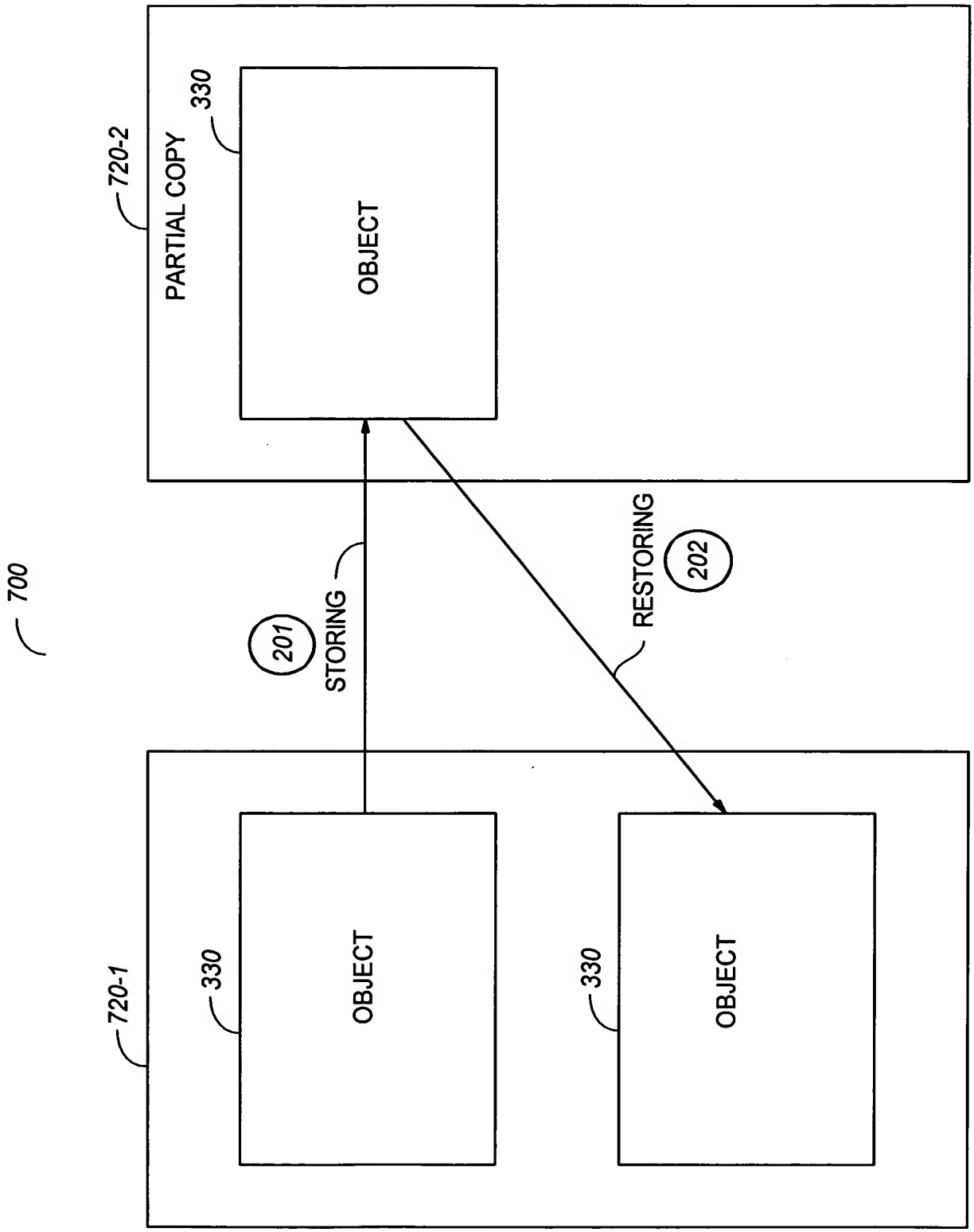
700
720-2
PARTIAL COPY
330
OBJECT
201
STORING
RESTORING
202
720-1
330
OBJECT
330
OBJECT

FIG. – 7

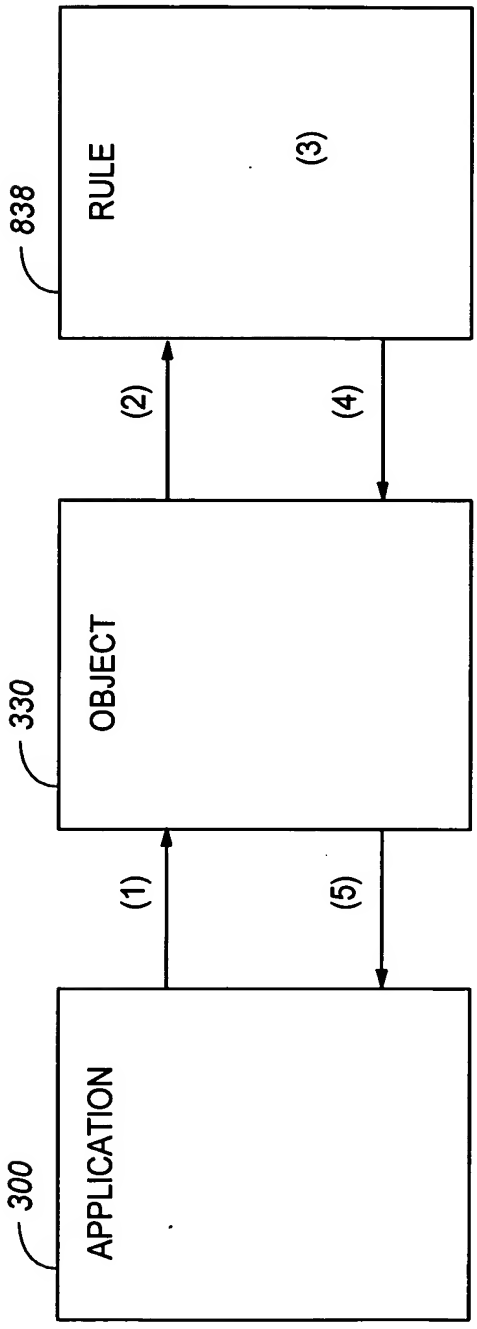

FIG. – 8

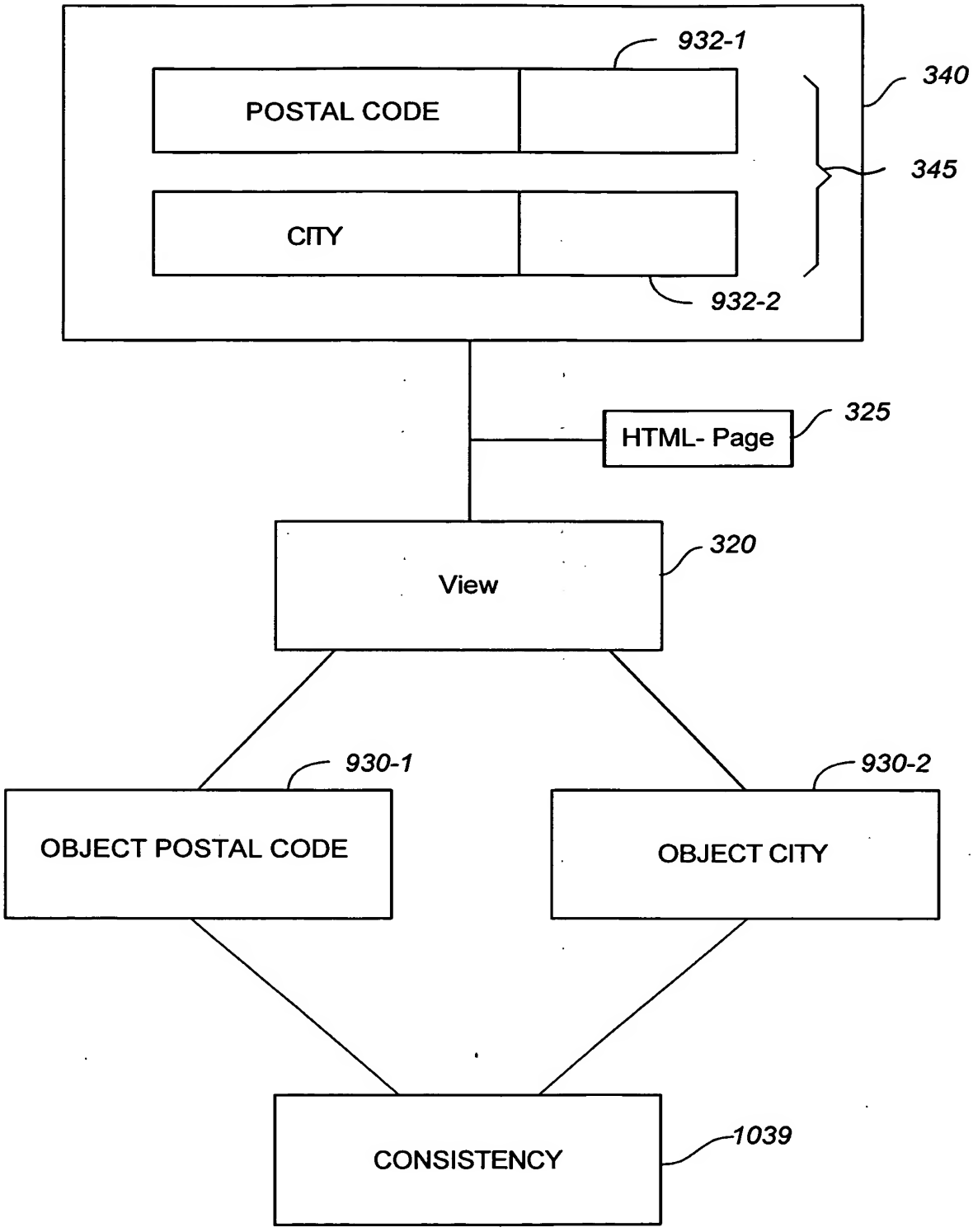
932-1
340
POSTAL CODE
345
CITY
932-2
HTML- Page
325
View
320
930-1
930-2
OBJECT POSTAL CODE
OBJECT CITY
CONSISTENCY
1039

FIG._ 9